

ACER ALTOS SOLUTIONS



HIGHLIGHTS

- Highly expandable application server solution with support for with 64 Bit Processing technology
- Up to 1.17TB of internal storage and 16GB of system memory
- Best in class investment protection
- Best in class scalability and performance
- Comprehensive systems management and installation solutions



In distributed computing environments, servers are spread across many locations, high availability is key and limited resources challenge IT management. Such environments require the highest availability and a system, which can scale to cater for tomorrow's local processing requirements. The Acer Altos G710 is designed as a highly available and high expandable solution for remote sites and branch offices.



Exceptional investment protection

The Acer Altos G710 is based the latest Intels' Xeon Server processor technology, Intel® EM64T. This means your system is already compatible with forthcoming native 64-bit operating systems and applications. System performance can be scaled in line with your business growth, by the addition of a second processor. Redundant power supplies and redundant hot-swap hard disk drives provide affordable performance and data protection. The Acer Altos G710 is fully convertible from a tower to a rack mountable form factor. Internal storage can be upgraded to eight Hot-swappable hard disk drives and system memory can be scaled to an enormous 16GB of high performance DDR2 memory. These scalability and upgradability features mean that you can rest assured that the Acer Altos G710 will cater for tomorrow's data processing requirements.

Highest availability, upgradability and scalability

The G710 offers hybrid server features, which allow you to focus on IS policy implementation with the confidence that your server infrastructure is well founded.

- Memory mirroring and sparing for data security and integrity
- Single Device Data Correction (SDDC) chip-fail
- Native RAID 0 and 1 - Optional SCSI RAID 5 with ROMB and 8 Hot-Swap Hard Disk Drive support
- Redundant hot plug system power supplies
- Hot-swap cooling fans
- Six PCI slots (Including two PCI Express™ and three 64 bit PCI-X slots) to increase I/O bandwidth for improved performance and productivity
- Integrated Dual Gigabit Ethernet with load balancing and fault tolerance supported

Easy to install and manage

Acer Easybuild simplifies the installation and set-up, by providing an intuitive GUI based process and by providing all relevant tools to set up your Acer Altos G710. Advanced Server Manager software makes comprehensive systems management easy and compliments the high system availability features outlined above. ASM provides performance management, remote management and critical event management services to network administrators. The G710 also supports a brand new manageability interface, Acer Altos E-Panel. The Panel provides a simple interface on the front of the system, which allows the administrator to monitor key system status events efficiently. These components help you control IT expenses by making the G710 simple and efficient to manage.

Typical solutions scenarios

- Remote site or branch office application services
- Dedicated application server:
 - E-Commerce storefronts
 - Video Streaming
- Mail and messaging services
- High performance – low cost database engine
- Large infrastructure

Specification	
FORM FACTOR	Tower, rack/5U
PROCESSOR	<ul style="list-style-type: none"> • Dual Intel® Xeon™ processors from 2.8 to 3.6 GHz or higher • Intel® HT technology • 800 MHz FSB • Supports Intel® Extended Memory 64 technology
NUMBER OF PROCESSORS (STD/MAX)	1 / 2
CACHE (MAX)	1MB L2
MEMORY (MAX)	<ul style="list-style-type: none"> • Up to 16GB of DDR2 400 SDRAM* • 8 DIMM slots • Supports memory mirroring technology and memory sparing technology
EXPANSION SLOTS	<ul style="list-style-type: none"> • Two X4 PCI Express™ slots • Three 64-bit/100 MHz PCI-X slots • One 32-bit/33 MHz PCI slot
DISK BAYS (TOTAL/HOT-SWAP)	<ul style="list-style-type: none"> • 8 Hot-swap sATA or SCSI HDD's • DVD and Floppy • 2 free 5.25" bays
STORAGE INTERFACE	Integrated dual channel U320 SCSI
MAXIMUM INTERNAL STORAGE	1.17TB SCSI (8 146GB SCSI drives)
NETWORK	Dual Gigabit Ethernet with Load Balancing and Fault Tolerance supported
POWER SUPPLY (STD/MAX)	550W Switching Power Supply/ 1+1 Redundant Hot Swap Option
HOT SWAP COMPONENTS	Hard disk drives, system power supplies, System cooling fans
RAID SUPPORT	<ul style="list-style-type: none"> • Embedded SCSI RAID 1/10 support • Optional SCSI RAID on Motherboard (ROMB) support RAID level 1, 5, 10, 50
SECURITY FEATURES	<ul style="list-style-type: none"> • Altos EasyDiagnostics • Door intrusion alert • Lockable door
SYSTEMS MANAGEMENT	<ul style="list-style-type: none"> • Acer EasyBUILD™ • Acer Server Manager (ASM) • Acer ePanel (optional) • Acer Remote Management Card (optional) • Acer eBusiness Value Pack - CA eTrust™ Antivirus v7.1 - CA BrightStor® Backup Server
OPERATING SYSTEMS SUPPORTED	<ul style="list-style-type: none"> • MS Windows 2000 Server • MS Windows 2003 Server • Novell Netware 6.5, • Red Hat Linux 3.0 Enterprise Edition • SCO OpenServer 5.0.7 • SCO Unixware 7.1.4

* As 2GB DIMM's become available



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www.acer.co.uk
Acer UK Limited
Tel. +44-1753-699 200
Fax +44-1753-699 201
Sales enquiries: 0870 853 1005

www.acer.dk
Acer Denmark A/S
Tel. +45 39 16 88 00
Fax +45 39 16 88 01

www.acer.pl
Acer Computer Poland
Tel. +48-22-606-25 90
Fax. +48-22-606-25 91

www.acer.ae
Acer Computer (M.E.) Ltd.
Tel. +97-14-8813111
Fax +97-14-8812200

www.acer-euro.com

www.acercomputer.fi
Acer Computer Finland Oy
Tel. +358-9-225 2690
Fax +358-9-225 26916

www.acer.no
Acer Computer Norway AS
Tel. +47-66-761 070
Fax +47-66-901 031

www.acer.hu
Acer Computer Hungary
Tel. +36-1-33-6-3300
Fax +36-1-33-6-3309

www.acer.co.za
Acer Africa
Tel. +27-11-233-6100
Fax +27-11-233-6200

www.acer.cz
Acer Czech Republic s.r.o.
Tel. +420-2-613-414-05
Fax +420-2-613-414-04

www.acer-ee.com
www.acer.com/bg
www.acer.com/ee
www.acer.com/hr
www.acer.com/si
www.acer.it
www.acer.lv
www.acer.ro
Acer Eastern Europe
Tel. +49-4102-488 0
Fax +49-4102-488 270

www.acer.ru
Acer CIS Inc.
Tel. +7 095 980 54 44
Fax +7 095 980 54 43

www.acercomputer.se
Acer Sweden AB
Tel. +46-8-444 7910
Fax +46-8-444 7920